

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020223\  
 Data File : BM038673.D  
 Acq On : 02 Feb 2023 21:10  
 Operator : CG/JU  
 Sample : 01348-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MID2-H5(32-34)

Quant Time: Feb 03 05:38:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 02 03:31:45 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 86406    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.739 | 136  | 268467   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.569 | 164  | 172313   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.310 | 188  | 317720   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.486 | 240  | 233672   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.886 | 264  | 308586   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 442068   | 100.221 | ng    | 0.00     |
| 7) Phenol-d6                | 7.110  | 99   | 481930   | 95.796  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.104  | 82   | 287903   | 60.913  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.057 | 330  | 213449   | 91.135  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.192 | 172  | 909349   | 67.185  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.927 | 244  | 945352   | 71.392  | ng    | 0.00     |

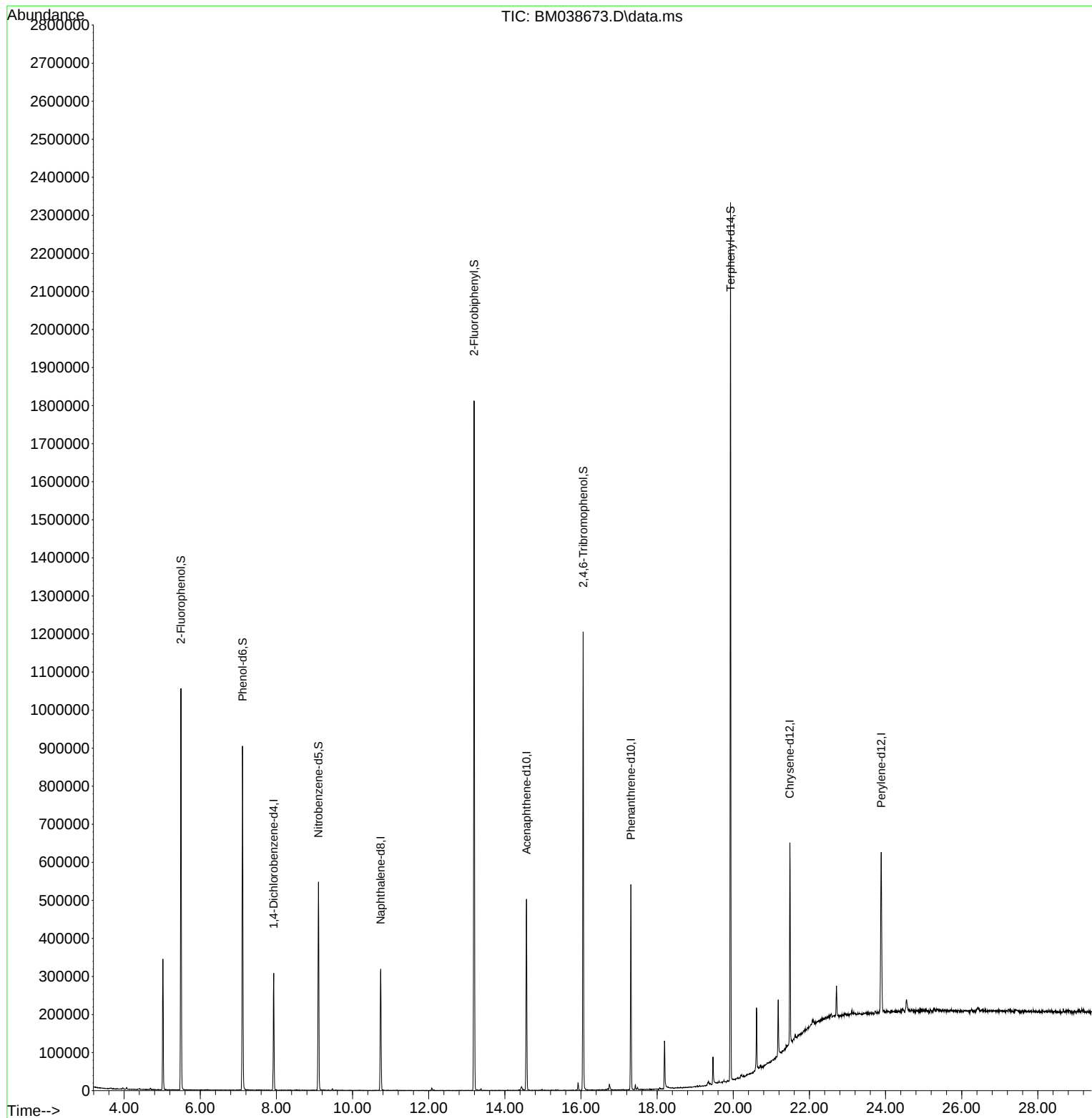
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

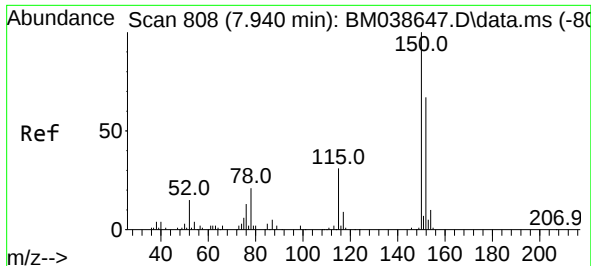
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MID2-H5(32-34)

Quant Time: Feb 03 05:38:23 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 02 03:31:45 2023  
Response via : Initial Calibration

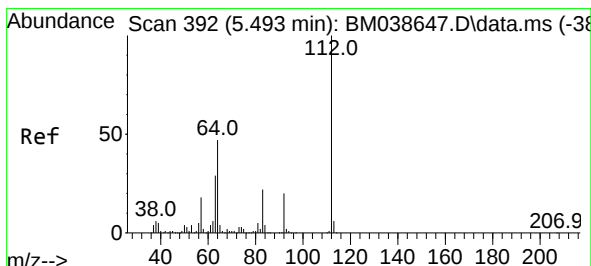
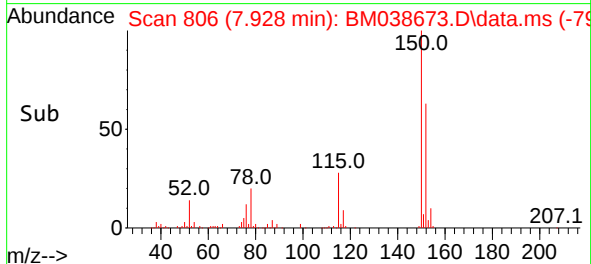
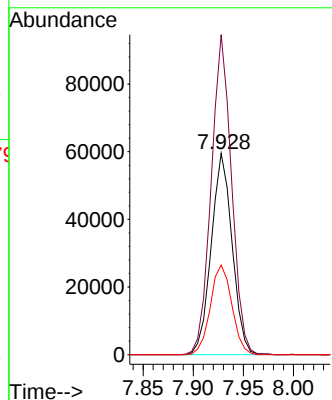
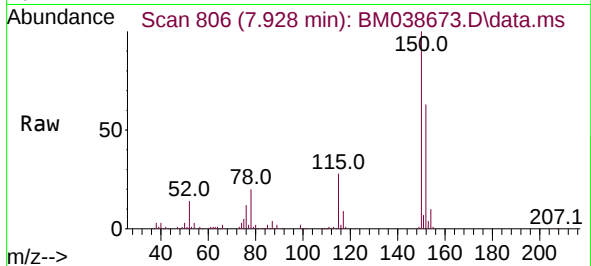




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 806  
Delta R.T. -0.012 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

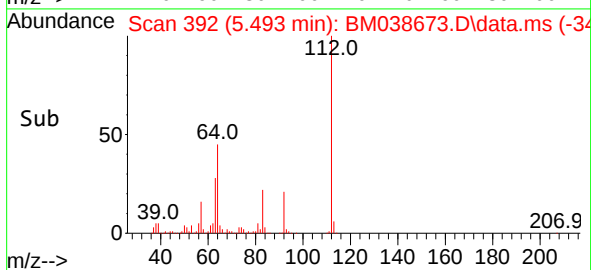
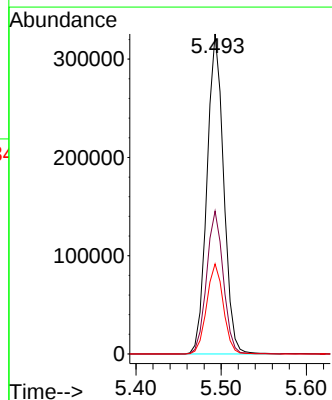
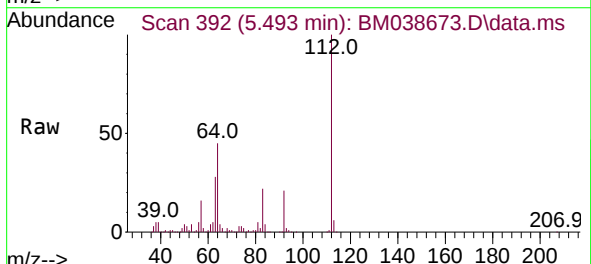
Instrument :  
BNA\_M  
ClientSampleId :  
MID2-H5(32-34)

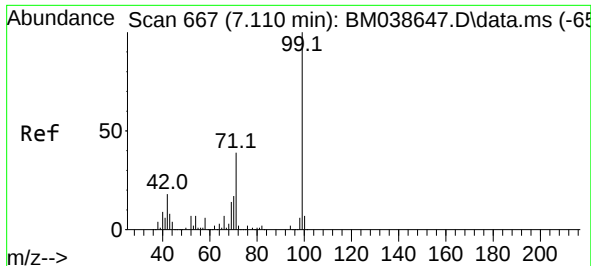
Tgt Ion:152 Resp: 86406  
Ion Ratio Lower Upper  
152 100  
150 159.0 119.5 179.3  
115 44.6 37.6 56.4



#5  
2-Fluorophenol  
Concen: 100.221 ng  
RT: 5.493 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

Tgt Ion:112 Resp: 442068  
Ion Ratio Lower Upper  
112 100  
64 44.7 37.9 56.9  
63 28.1 23.3 34.9

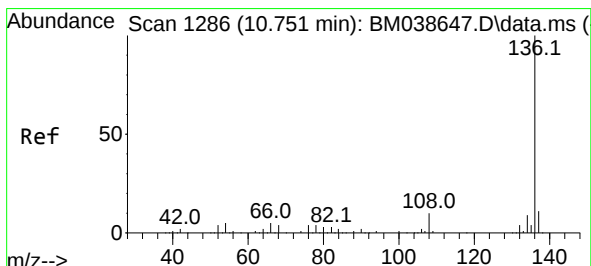
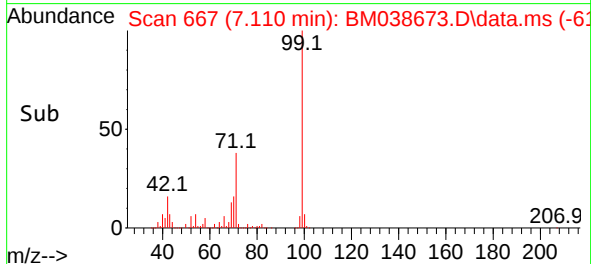
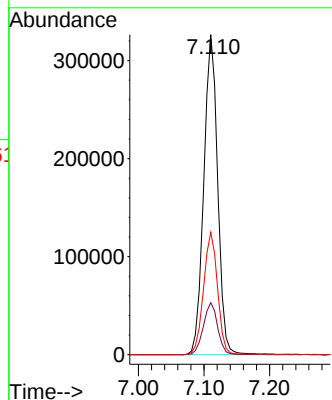
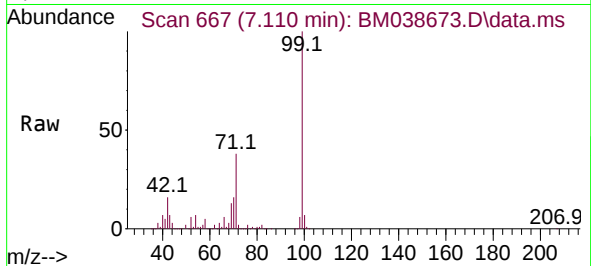




#7  
Phenol-d6  
Concen: 95.796 ng  
RT: 7.110 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

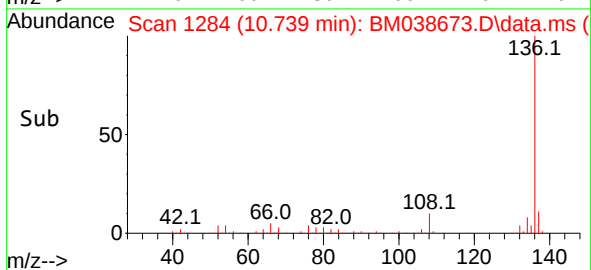
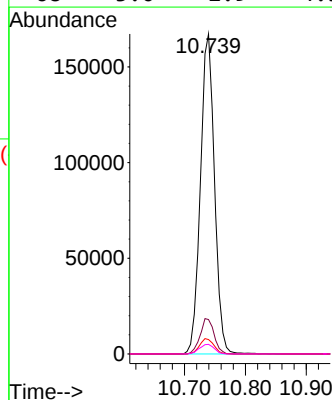
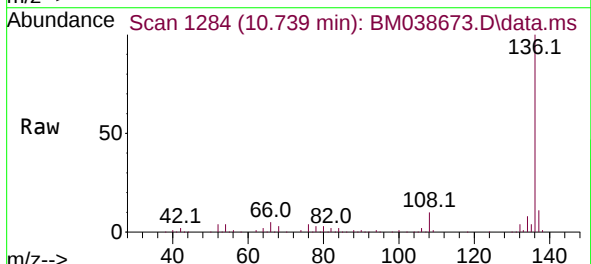
Instrument :  
BNA\_M  
ClientSampleId :  
MID2-H5(32-34)

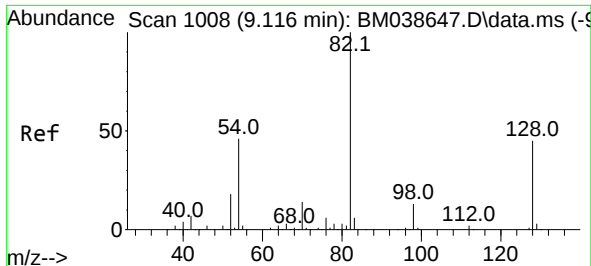
Tgt Ion: 99 Resp: 481930  
Ion Ratio Lower Upper  
99 100  
42 16.3 14.6 22.0  
71 38.3 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.739 min Scan# 1284  
Delta R.T. -0.012 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

Tgt Ion:136 Resp: 268467  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 4.5 4.2 6.4  
68 3.0 2.9 4.3

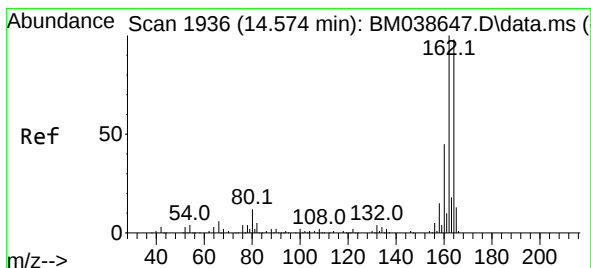
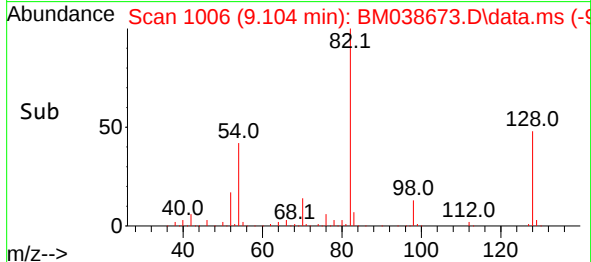
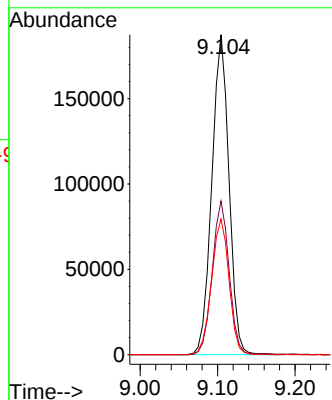
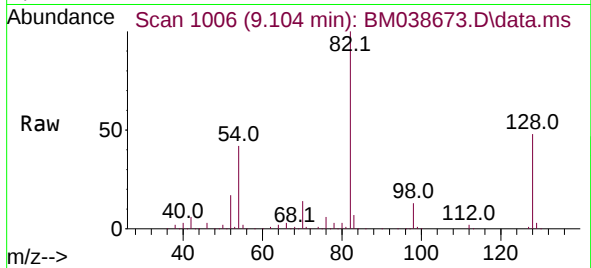




#23  
Nitrobenzene-d5  
Concen: 60.913 ng  
RT: 9.104 min Scan# 1006  
Delta R.T. -0.012 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

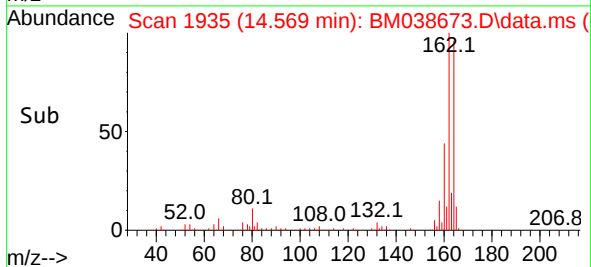
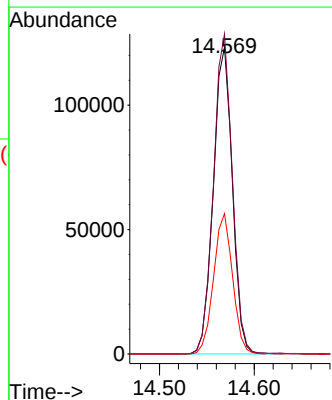
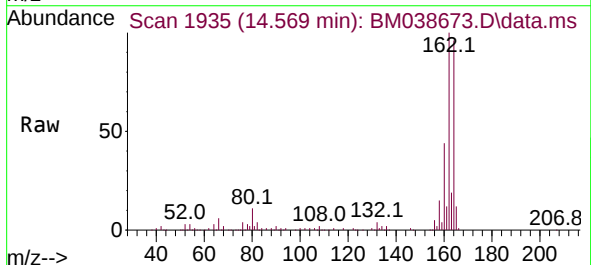
Instrument :  
BNA\_M  
ClientSampleId :  
MID2-H5(32-34)

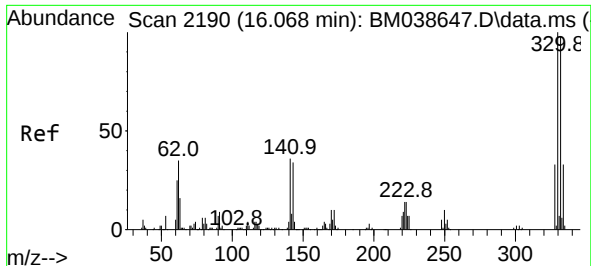
Tgt Ion: 82 Resp: 287903  
Ion Ratio Lower Upper  
82 100  
128 48.0 36.0 54.0  
54 42.3 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.569 min Scan# 1935  
Delta R.T. -0.005 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

Tgt Ion: 164 Resp: 172313  
Ion Ratio Lower Upper  
164 100  
162 104.3 81.4 122.0  
160 45.7 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 91.135 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM038673.D

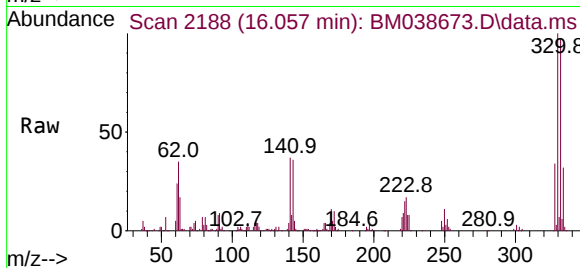
Acq: 02 Feb 2023 21:10

Instrument :

BNA\_M

ClientSampleId :

MID2-H5(32-34)



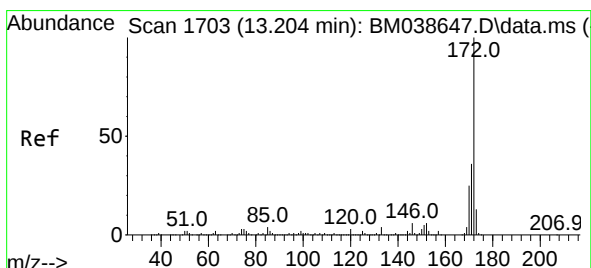
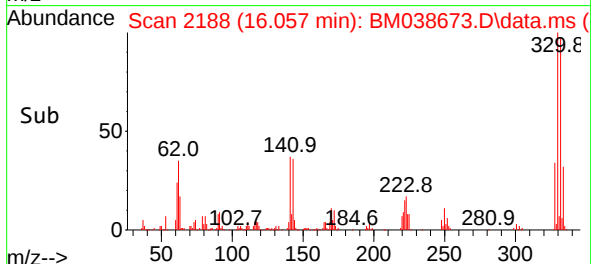
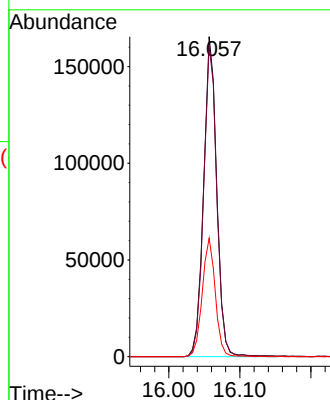
Tgt Ion:330 Resp: 213449

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 36.8 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 67.185 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM038673.D

Acq: 02 Feb 2023 21:10

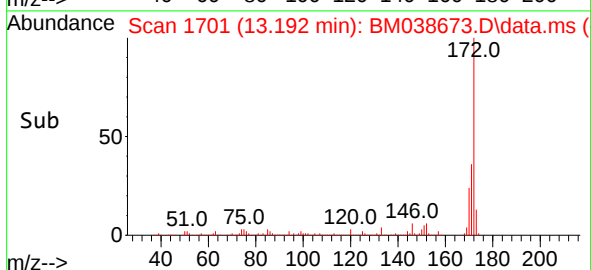
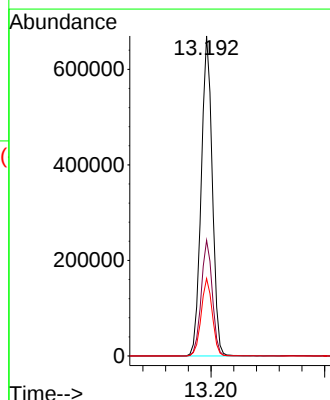
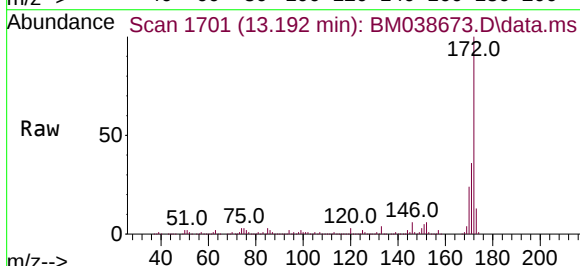
Tgt Ion:172 Resp: 909349

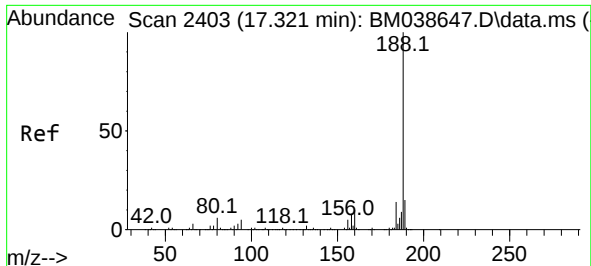
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.2 20.0 30.0

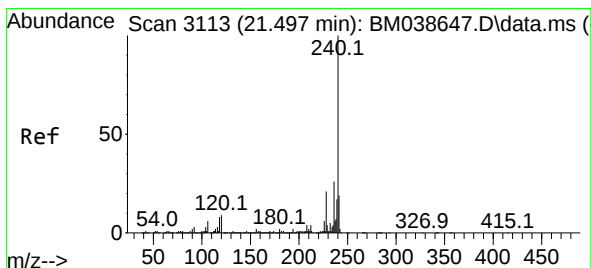
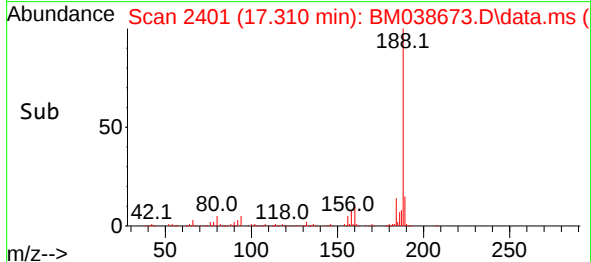
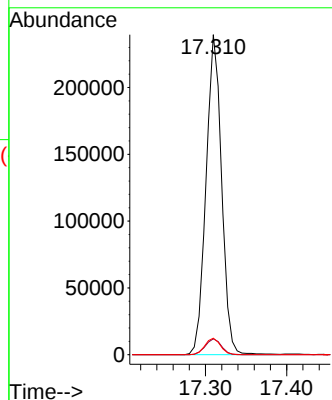
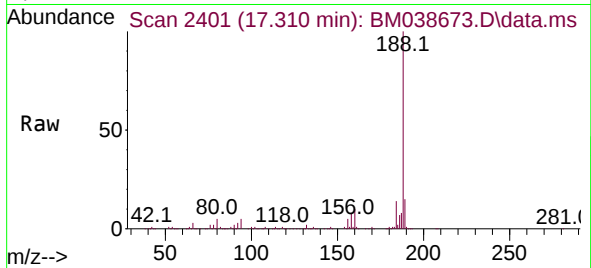




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.310 min Scan# 2401  
Delta R.T. -0.012 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

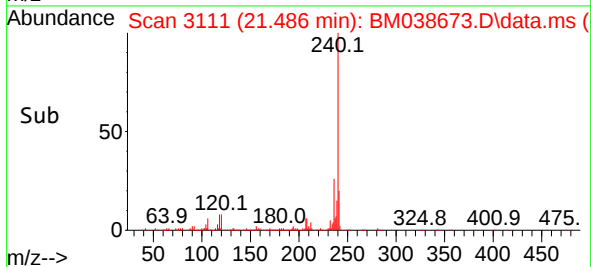
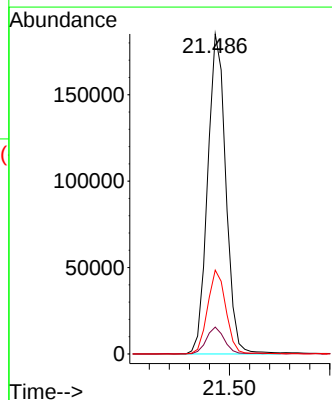
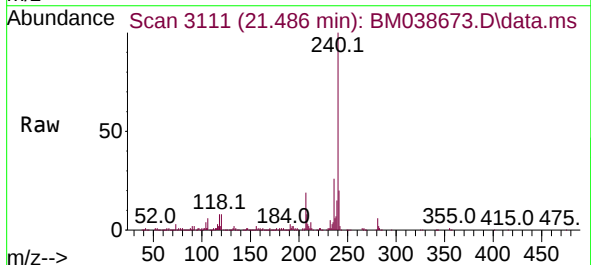
Instrument :  
BNA\_M  
ClientSampleId :  
MID2-H5(32-34)

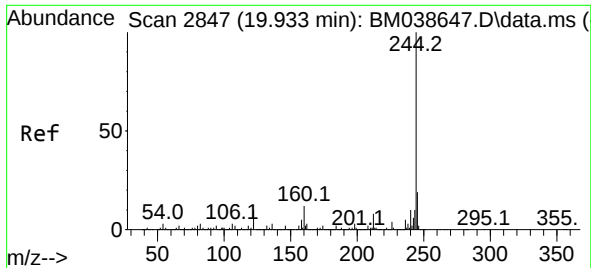
Tgt Ion:188 Resp: 317720  
Ion Ratio Lower Upper  
188 100  
94 5.0 4.2 6.4  
80 5.1 4.6 7.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.486 min Scan# 3111  
Delta R.T. -0.012 min  
Lab File: BM038673.D  
Acq: 02 Feb 2023 21:10

Tgt Ion:240 Resp: 233672  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.0 10.4  
236 26.2 20.9 31.3

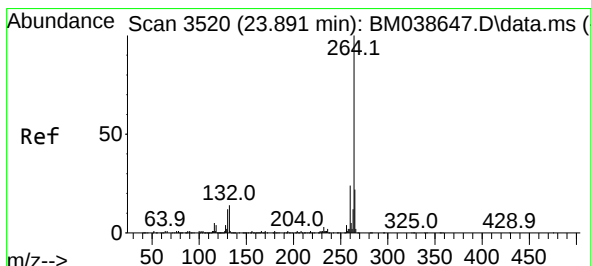
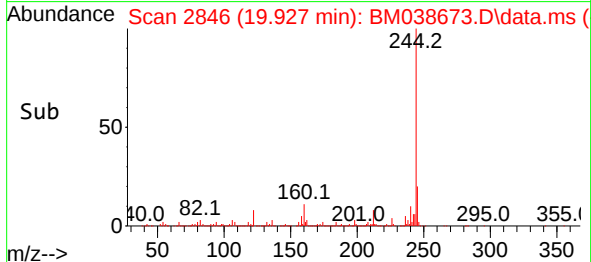
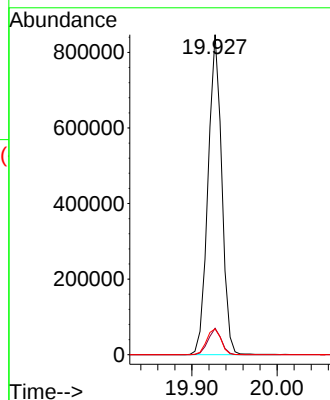
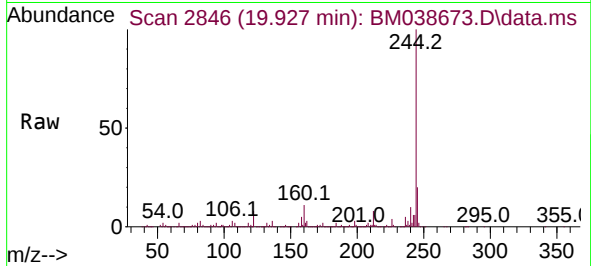




#79  
 Terphenyl-d14  
 Concen: 71.392 ng  
 RT: 19.927 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM038673.D  
 Acq: 02 Feb 2023 21:10

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MID2-H5(32-34)

Tgt Ion:244 Resp: 945352  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 9.8  
 122 8.0 7.8 11.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.886 min Scan# 3519  
 Delta R.T. -0.006 min  
 Lab File: BM038673.D  
 Acq: 02 Feb 2023 21:10

Tgt Ion:264 Resp: 308586  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 19.6 29.4  
 265 21.2 17.9 26.9

